

SEQUENCE LISTING

<110> University of Bristol

<120> Methods of Inducing Cell Death

<130> P100147PCT

<140> PCT/GB00/02693

<141> 2000-07-13

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 365

<212> PRT

<213> Human papillomavirus

<400> 1

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Trp	Lys	His	Met	Arg	Leu	Glu	Cys	Ala	Ile	Tyr	Tyr	Lys	Ala	Arg	Glu
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Met	Gly	Phe	Lys	His	Ile	Asn	His	Gln	Val	Val	Pro	Thr	Leu	Ala	Val
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Ser	Lys	Asn	Lys	Ala	Leu	Gln	Ala	Ile	Glu	Leu	Gln	Leu	Thr	Leu	Glu
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Thr	Ile	Tyr	Asn	Ser	Gln	Tyr	Ser	Asn	Glu	Lys	Trp	Thr	Leu	Gln	Asp
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Val	Ser	Leu	Glu	Val	Tyr	Leu	Thr	Ala	Pro	Thr	Gly	Cys	Ile	Lys	Lys
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His	Gly	Tyr	Thr	Val	Glu	Val	Gln	Phe	Asp	Gly	Asp	Ile	Cys	Asn	Thr
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Met	His	Tyr	Thr	Asn	Trp	Thr	His	Ile	Tyr	Ile	Cys	Glu	Glu	Ala	Ser
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2047990-011407

Val Thr Val Val Glu Gly Gln Val Asp Tyr Tyr Gly Leu Tyr Tyr Val
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 His Glu Gly Ile Arg Thr Tyr Phe Val Gln Phe Lys Asp Asp Ala Glu
 165 170 175
 Lys Tyr Ser Lys Asn Lys Val Trp Glu Val His Ala Gly Gly Gln Val
 180 185 190
 Ile Leu Cys Pro Thr Ser Val Phe Ser Ser Asn Glu Val Ser Ser Pro
 195 200 205
 Glu Ile Ile Arg Gln His Leu Ala Asn His Pro Ala Ala Thr His Thr
 210 215 220
 Lys Ala Val Ala Leu Gly Thr Glu Glu Thr Gln Thr Thr Ile Gln Arg
 225 230 235 240
 Pro Arg Ser Glu Pro Asp Thr Gly Asn Pro Cys His Thr Thr Lys Leu
 245 250 255
 Leu His Arg Asp Ser Val Asp Ser Ala Pro Ile Leu Thr Ala Phe Asn
 260 265 270
 Ser Ser His Lys Gly Arg Ile Asn Cys Asn Ser Asn Thr Thr Pro Ile
 275 280 285
 Val His Leu Lys Gly Asp Ala Asn Thr Leu Lys Cys Leu Arg Tyr Arg
 290 295 300
 Phe Lys Lys His Cys Thr Leu Tyr Thr Ala Val Ser Ser Thr Trp His
 305 310 315 320
 Trp Thr Gly His Asn Val Lys His Lys Ser Ala Ile Val Thr Leu Thr
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 Pro Lys Thr Ile Thr Val Ser Thr Gly Phe Met Ser Ile
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10047990.01402

<400> 2

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Thr His Tyr Glu Asn Asp Ser Thr Asp Leu Arg Asp His Ile Asp Tyr
  20              25              30

Trp Lys His Met Arg Leu Glu Cys Ala Ile Tyr Tyr Lys Ala Arg Glu
  35              40              45

Met Gly Phe Lys His Ile Asn His Gln Val Val Pro Thr Leu Ala Val
  50              55              60

Ser Lys Asn Lys Ala Leu Gln Ala Ile Glu Leu Gln Leu Thr Leu Glu
  65              70              75              80

Thr Ile Tyr Asn Ser Gln Tyr Ser Asn Glu Lys Trp Thr Leu Gln Asp
  85              90              95

Val Ser Leu Glu Val Tyr Leu Thr Ala Pro Thr Gly Cys Ile Lys Lys

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100

105

110

His Gly Tyr Thr Val Glu Val Gln Phe Asp Gly Asp Ile Cys Asn Thr
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Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile Cys Glu Glu Ala Ser
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Val Thr Val Val Glu Gly Gln Val Asp Tyr Tyr Gly Leu Tyr Tyr Val
 145 150 155 160

His Glu Gly Ile Arg Thr Tyr Phe Val Gln Phe Lys Asp Asp Ala Glu
 165 170 175

Lys Tyr Ser Lys Asn Lys Val Trp Glu Val His Ala Gly Gly Gln Val
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Ile Leu Cys Pro Thr Ser Val Phe Ser Ser Asn Glu Val Ser Ser Pro
 195 200 205

Glu Ile Ile Arg Gln His Leu Ala Asn His Pro Ala Ala Thr His Thr
 210 215 220

Lys Ala Val Ala Leu Gly Thr Glu Glu Thr Gln Thr Thr Ile Gln Arg
 225 230 235 240

Pro Arg Ser Glu Pro Asp Thr Gly Asn Pro Cys His Thr Thr Lys Leu
 245 250 255

Leu His Arg Asp Ser Val Asp Ser Ala Pro Ile Leu Thr Ala Phe Asn
 260 265 270

Ser Ser His Lys Gly Arg Ile Asn Cys Asn Ser Asn Thr Thr Pro Ile
 275 280 285

Val His Leu Lys Gly Asp Ala Ala Thr Leu Ala Cys Leu Arg Tyr Ala
 290 295 300

Phe Lys Lys His Cys Thr Leu Tyr Thr Ala Val Ser Ser Thr Trp His
 305 310 315 320

Trp Thr Gly His Asn Val Lys His Lys Ser Ala Ile Val Thr Leu Thr
 325 330 335

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Pro Lys Thr Ile Thr Val Ser Thr Gly Phe Met Ser Ile

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<210> 4

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<212> DNA

<213> Human papillomavirus

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<210> 5

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<212> PRT

<213> Human papillomavirus

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Leu Tyr Thr Ala Val Ser Ser Thr Trp His Trp Thr Gly His Asn Val
 35 40 45

Lys His Lys Ser Ala Ile Val Thr Leu Thr Tyr Asp Ser Glu Trp Gln
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Arg Asp Gln Phe Leu Ser Gln Val Lys Ile Pro Lys Thr Ile Thr Val
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Ser Thr Gly Phe Met Ser Ile
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<210> 6
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35 40 45

Lys His Lys Ser Ala Ile Val Thr Leu Thr Tyr Asp Ser Glu Trp Gln
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Arg Asp Gln Phe Leu Ser Gln Val Lys Ile Pro Lys Thr Ile Thr Val
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Ser Thr Gly Phe Met Ser Ile
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20447990.011402

<210> 8
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<212> DNA
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